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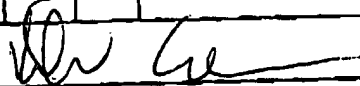
Page 9 of 9

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT				ATTY. DOCKET NO. 1530.0180002/EKS/EJH		APPLICATION NO. 09/839,574	
				APPLICANT Manthorpe et al.			
				FILING DATE 04/23/2001		GROUP 1646	

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
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FOREIGN PATENT DOCUMENTS							
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	AP						Yes
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
PS	AR	2	Wells, D.J. et al., "Evaluation of Plasmid DNA for in Vivo Gene Therapy: Factors Affecting the Number of Transfected Fibers," <i>Journal of Pharmaceutical Sciences</i> 87:763-768, American Chemical Society and American Pharmaceutical Association (1998).
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	AT	2	Pending Non-Provisional United States Patent Application No. 09/657,907, Horton et al., filed April 21, 2000.

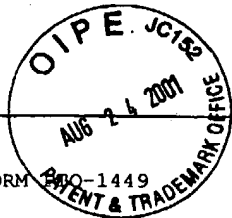
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FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
1530.0180002/EKS/EJH

APPLICATION NO.
09/839,574

APPLICANT
Manthorpe et al.

FILING DATE
04/23/2001

GROUP
1846

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AUG 28 2001
TC 1700

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA1	5,470,568	11/28/1995	Lee	424	78.02	02/13/1992
	AB1	5,580,859	12/03/1996	Felgner et al.	514	44	03/18/1994
	AC1	5,589,466	12/31/1996	Felgner et al.	514	44	01/26/1995
	AD1	5,703,055	12/30/1997	Felgner et al.	514	44	01/26/1994
	AE1	5,855,913	01/05/1999	Hanes et al.	424	489	01/16/1997
	AF1	5,883,103	03/16/1999	Burnside et al.	514	262	06/07/1995
	AG1	5,885,590	03/23/1999	Hunter et al.	424	280.1	01/20/1995
	AH1	5,897,876	04/27/1999	Rudnic et al.	424	455	06/20/1997
	AI1	5,952,004	09/14/1999	Rudnic et al.	424	455	08/28/1995
	AJ1	5,962,428	10/05/1999	Carrano et al.	514	44	09/16/1996
	AK1	5,985,309	11/16/1999	Edwards et al.	424	426	11/17/1997

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL1	WO 99/26663 A2	06/03/1999	WIPO			Yes No
	AM1	WO 99/64615 A1	12/16/1999	WIPO			Yes No
	AN1	WO 00/40273 A2	07/13/2000	WIPO			Yes No
	AO1	WO 00/40273 A3	07/13/2000	WIPO			Yes No
	AP1	WO 01/09303	02/08/2001	WIPO			Yes No

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AR	1	Adams-Graves et al., "RheothRx (poloxamer 188) injection for the acute painful episode of sickle cell disease: a pilot study," <i>Blood</i> 90:2041-2046, American Society for Hematology, W. B. Saunders Co. (1997).
AS	1	Anwer, K. et al., "Synergistic effect of formulated plasmid and needle-free injection for genetic vaccines," <i>Pharm. Res.</i> 16:889-895, American Association of Pharmaceutical Scientists (June 1999).
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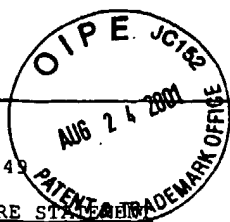
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Manthorpe et al.FILING DATE
04/23/2001GROUP
1646

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	AA2	5,994,314	11/30/1999	Eljamal et al.	514	44	04/14/1995
	AB	6,214,804 B1	04/10/2001	Felgner et al.	514	44	06/07/1995
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	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	2	Bertling, W.M. et al., "Use of liposomes, viral capsids, and nanoparticles as DNA carriers," <i>Biotechnol. Appl. Biochem.</i> 13:390-405, Portland Press Limited (1991).
AS	2	Boussif, O. et al., "A versatile vector for gene and oligonucleotide transfer into cells in culture and in vivo: polyethylenimine," <i>Proc. Natl. Acad. Sci. USA</i> 92:7297-7301, National Academy of Sciences (1995).
AT	2	Cho, C.-W. et al., "Improvement of receptor-mediated gene delivery to HepG2 cells using an amphiphilic gelling agent," <i>Biotechnol. Appl. Biochem.</i> 32:21-26, Portland Press Limited (August 2000).

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	3	Doh, S.G. et al., "Spatial-temporal patterns of gene expression in mouse skeletal muscle after injection of lacZ plasmid DNA," <i>Gene Ther.</i> 4:648-663, Stockton Press (1997).
AS	3	Freeman, D.J. and Niven, R.W., "The influence of sodium glycocholate and other additives on the in vivo transfection of plasmid DNA in the lungs," <i>Pharm. Res.</i> 13:202-209, American Association of Pharmaceutical Scientists (1996).
AT	3	Kariko, K. et al., "Phosphate-enhanced transfection of cationic lipid-complexed mRNA and plasmid DNA," <i>Biochim. Biophys. Acta.</i> 1369:320-334, Elsevier Science Ltd. (1998).

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AR	4	Kichler, A. et al., "Influence of the DNA complexation medium on the transfection efficiency of lipospermine/DNA particles," <i>Gene Ther.</i> 5:855-860, Stockton Press (1998).
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AT	4	Lemieux, P. et al., "A Combination of Poloxamers Increases and Prolongs Gene Expression of Plasmid DNA in Skeletal Muscle," Abstracts Presented at the Seventh Meeting of the European Society of Gene Therapy. Munich, Germany, November 26-28 1999.

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	AR	5	Lemieux, P. et al., "A combination of poloxamers increases gene expression of plasmid DNA in skeletal muscle," <i>Gene Ther.</i> 7:986-991, Stockton Press (June 2000).
	AS	5	Leong, K.W. et al., "DNA-polycation nanospheres as non-viral gene delivery vehicles," <i>J. Control. Release</i> 53:183-93, Elsevier Science B.V. (1998).
	AT	5	Liu, F. et al., "Effect of Non-Ionic Surfactants on the Formation of DNA/Emulsion Complexes and Emulsion-Mediated Gene Transfer," <i>Pharmaceutical Research</i> 13:1642-1646, Plenum Publishing Corporation (1996).

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	AR	6	Lunsford, L. et al., "Tissue distribution and persistence in mice of plasmid DNA encapsulated in a PLGA-based microsphere delivery vehicle," <i>J. Drug Target.</i> 8:39-50, Gordon and Breach Publishing Group (November 2000).
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	AT	6	Mumper, R.J. et al., "Polyvinyl derivatives as novel interactive polymers for controlled gene delivery to muscle," <i>Pharm. Res.</i> 13:701-709, American Association of Pharmaceutical Scientists (1996).

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	AP						Yes No

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	AR	7	O'Keefe et al., "Poloxamer-188 as an adjunct to primary percutaneous transluminal coronary angioplasty for acute myocardial infarction," <i>Am. J. Cardiol.</i> 78:747-750, Elsevier Science Ltd. (1996).
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	AT	7	Raczka, E. et al., "The effect of synthetic surfactant Exosurf on gene transfer in mouse lung in vivo," <i>Gene Ther.</i> 5:1333-1339, Stockton Press (1998).

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AR	8	Sawa, T. et al., "Intraluminal water increases expression of plasmid DNA in rat lung," <i>Hum. Gene Ther.</i> 7:933-941, Mary Ann Liebert, Inc. (1996).
AS	8	Shi, N.Y. et al., "Noninvasive gene targeting to the brain," <i>Proc. Natl. Acad. Sci. USA</i> 97:7567-7572, National Academy of Sciences (June 2000).
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ATTORNEY DOCKET NO. 1530.0180002/EKS/EJH
APPLICATION NO. 09/839,574

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

APPLICANT
Manthorpe et al.FILING DATE
04/23/2001GROUP
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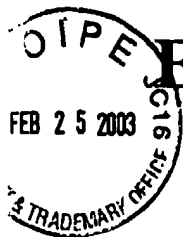
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Electronic Information Disclosure Statement




Compositions and Methods for in vivo Delivery of Polynucleotide-Based Therapeutics

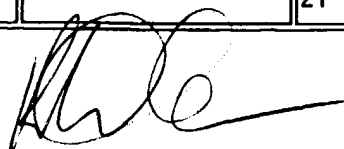
Application: 
09/839574
Confirmation: 1437
Applicant(s): Marston Manthorpe
Docket Number: 1530.0180002
Group Art Unit:
Examiner: Schnizer, R.A.
search string: (5656611 or 6086899 or 6149922).pn.

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US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Citation No.	Patent Number	Date	Bar Code	Patentee	Class	Subclass
12	P01	5656611	1997-08-12		Kabanov et al.		
12	P02	6086899	2000-07-11		Balasubramanian et al.		
12	P03	6149922	2000-11-21		Balasubramanian et al.		



5/27/04